

This diagram shows a top-down view of a circular mechanical assembly. The assembly consists of several concentric rings and a central component. The outermost ring is labeled 6. Inside it is a ring with four hexagonal bolt heads, labeled 39. The next ring inward is labeled 30b. The central part of the assembly is a complex, multi-lobed component labeled 31. This central component has four protruding lobes, each labeled 35a. The central part also has a central hole labeled 4, and a smaller hole labeled 34. The central component is surrounded by a ring labeled 31b. The entire assembly is mounted on a base labeled 20. Various other labels like 30a, 31a, 35, and 39a point to specific features and surfaces of the components.

FIG. 1 is a cross-sectional view of a circular magnetic device. The device consists of a central core (1a) with two vertical poles (3) and a central circular element (3a). The core is surrounded by a ring (1b) with radial slots (2). The entire assembly is enclosed in a housing (4) with a flange (5). Dimensions A and B are indicated. North (N) and South (S) poles are labeled.

Fig. 5A

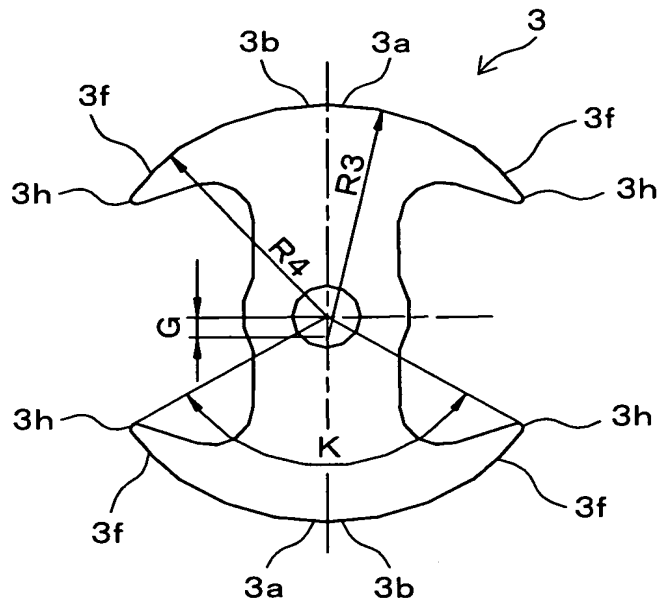


Fig. 5B

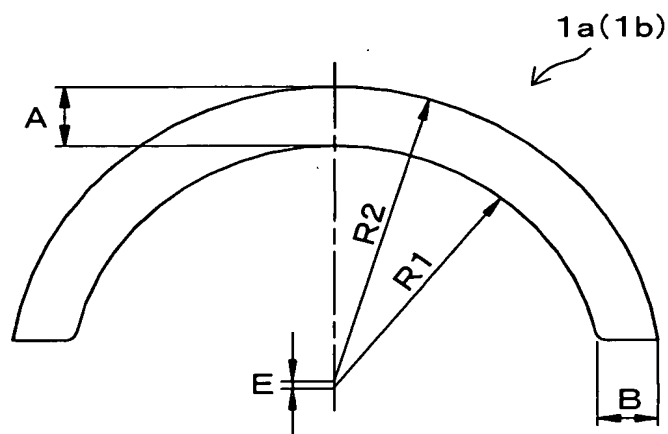


Fig. 6

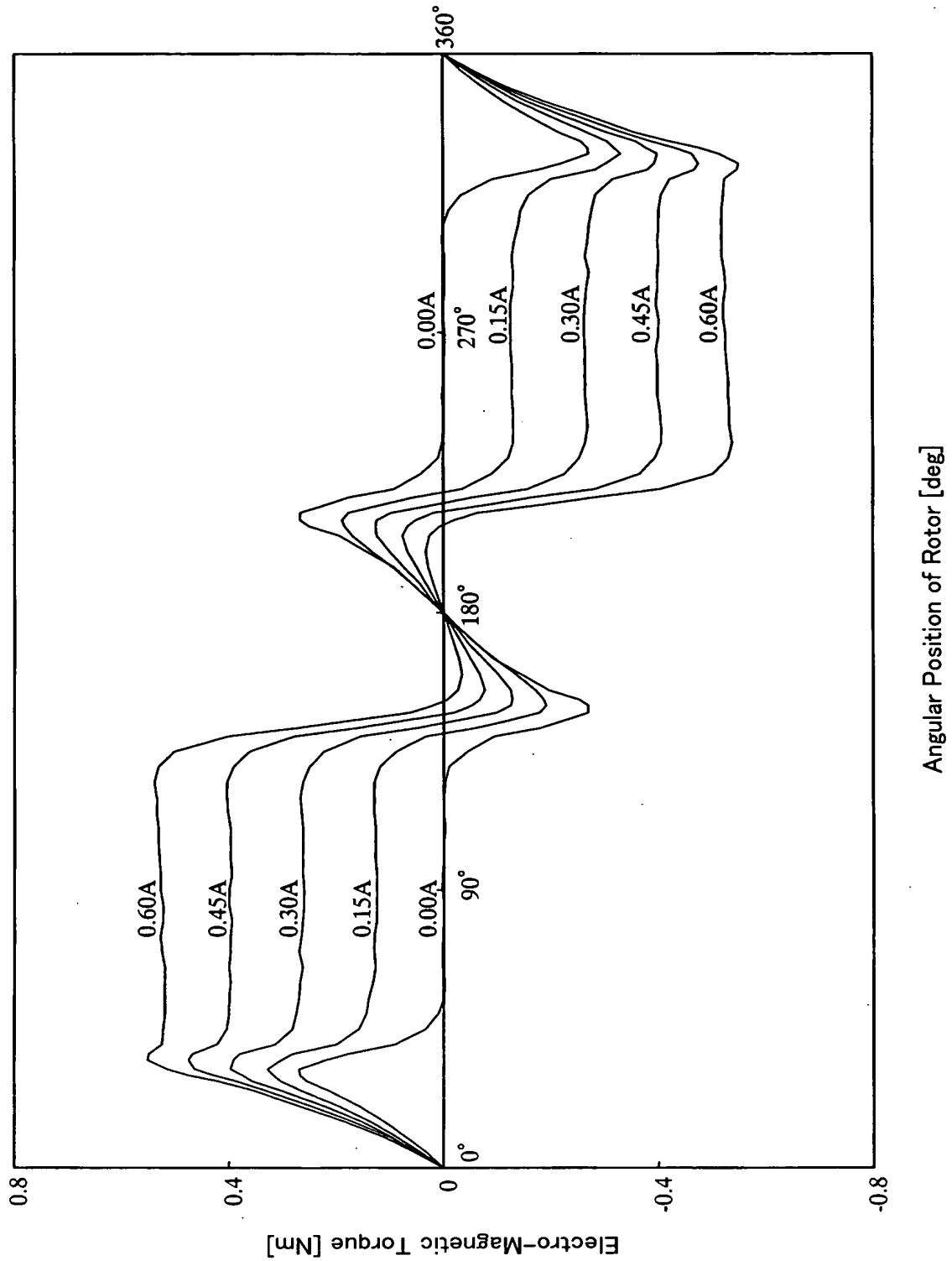


Fig. 7

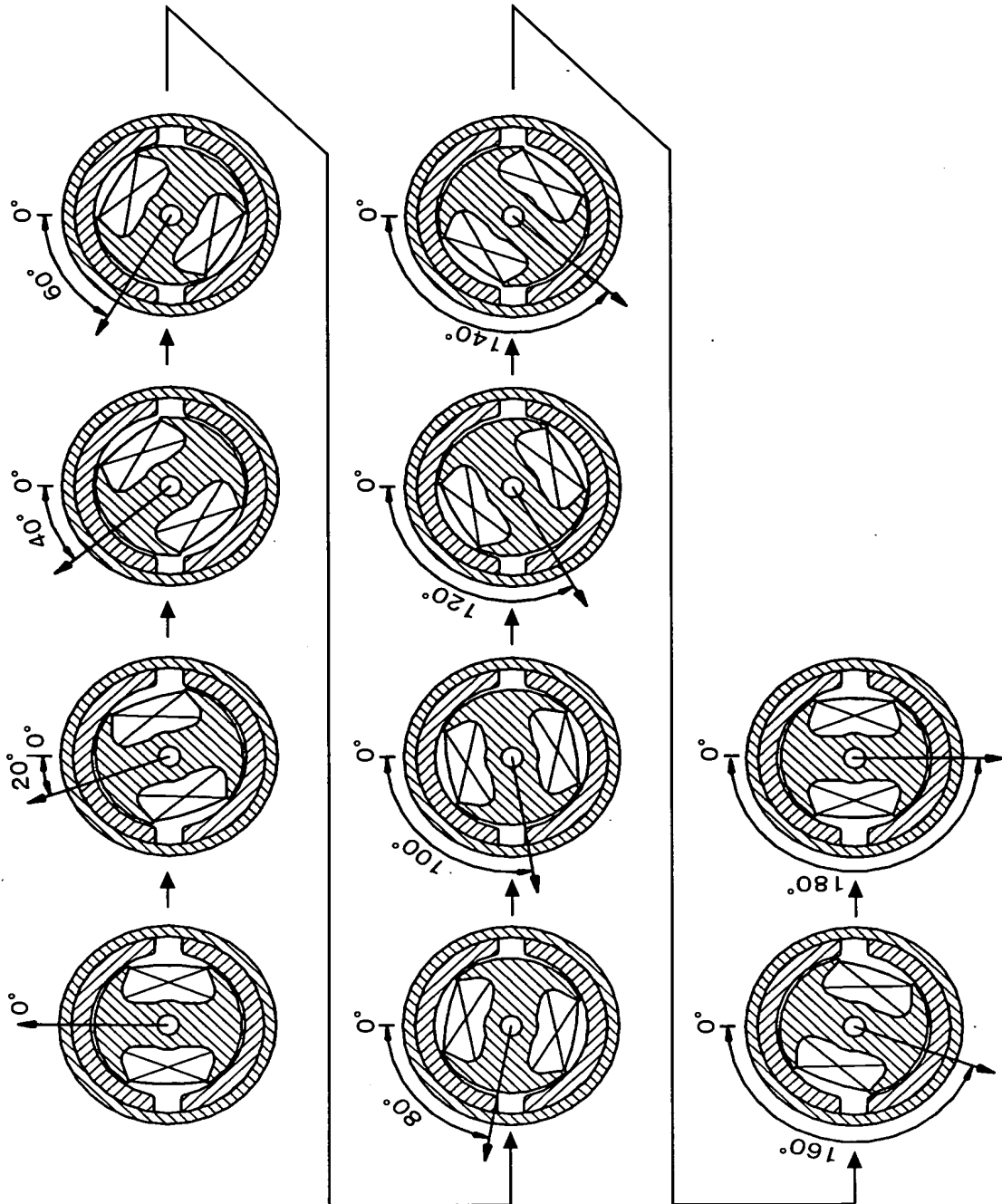


Fig. 8A

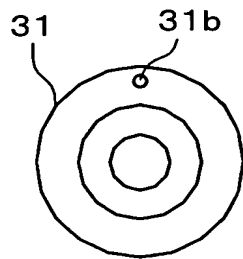


Fig. 8B

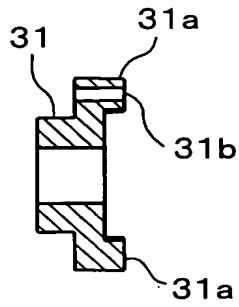


Fig. 8C

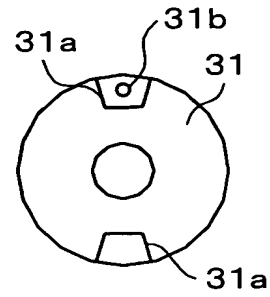


Fig. 9A

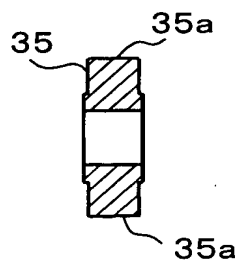


Fig. 9B

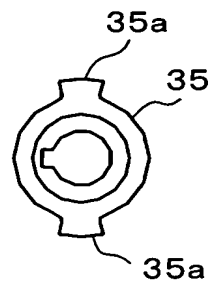
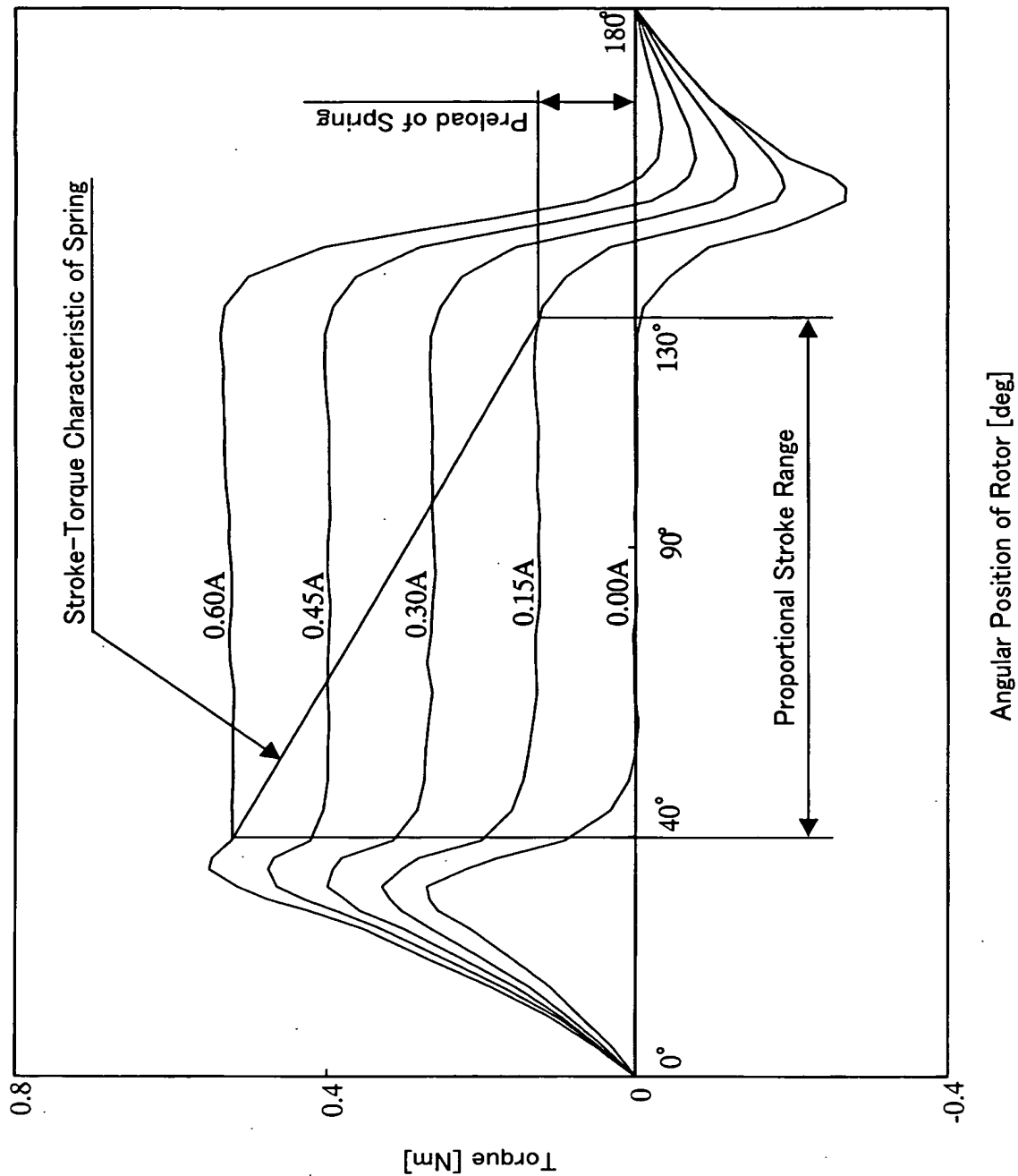


Fig. 10



[illegible]



Fig. 13

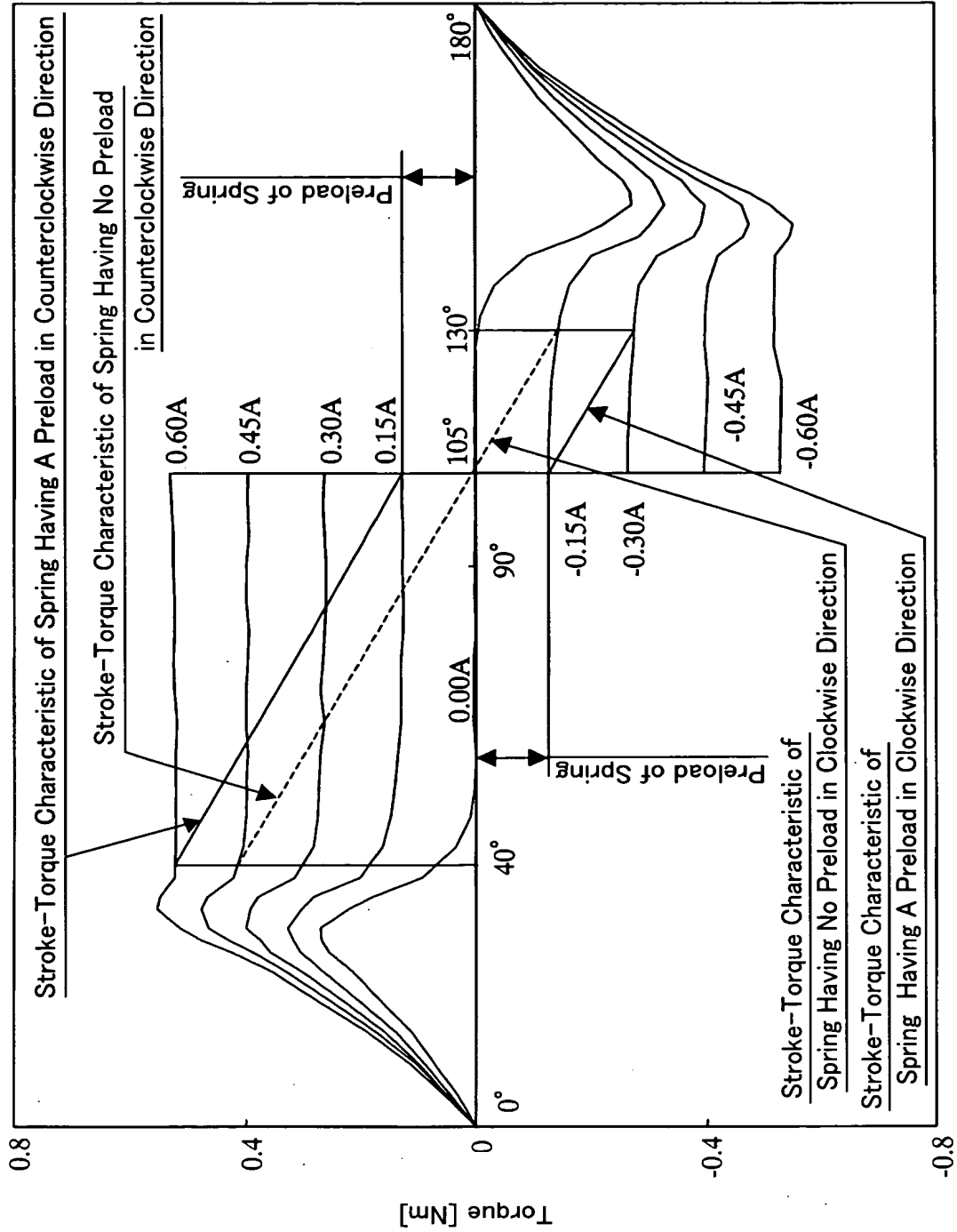


Fig. 14

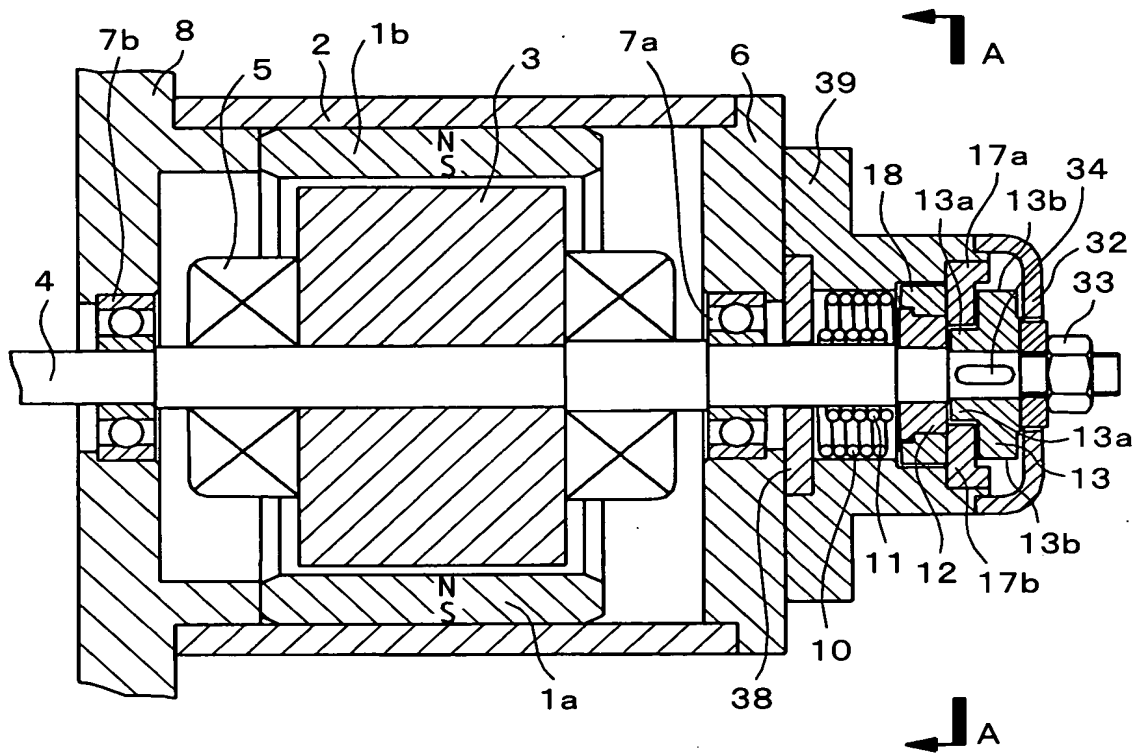


Fig. 15

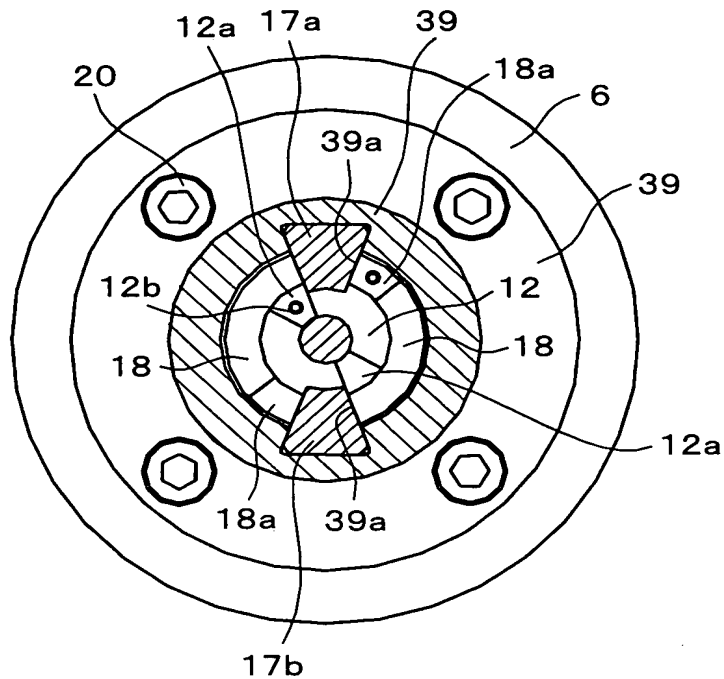


Fig.16A

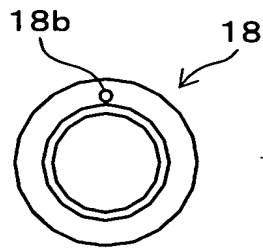


Fig.16B

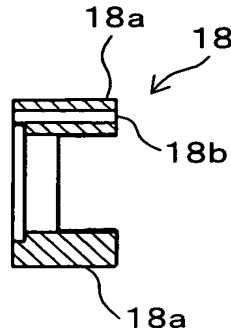


Fig.16C

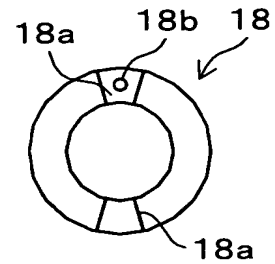


Fig.17A

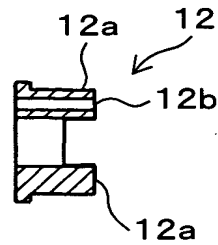


Fig.17B

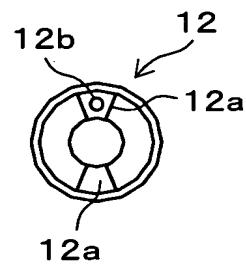


Fig.18A

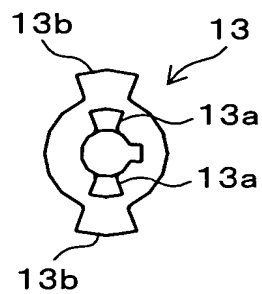


Fig.18B

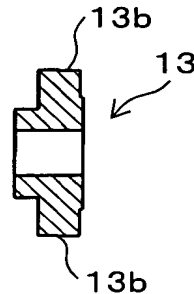


Fig.18C

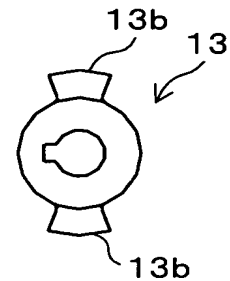


Fig. 19

